Sung Jun Jung

List of Publications by Year
in descending order

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Version: 2024-02-01

35	1,356	394421	414414
papers	citations	19 h-index	32 g-index

36	36	36	1768
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	GPR171 Activation Modulates Nociceptor Functions, Alleviating Pathologic Pain. Biomedicines, 2021, 9, 256.	3.2	7
2	Symptom-specific differential motor network modulation by deep brain stimulation in Parkinsonâ€™s disease. Journal of Neurosurgery, 2021, 135, 1771-1779.	1.6	3
3	An artificial neural tactile sensing system. Nature Electronics, 2021, 4, 429-438.	26.0	161
4	Riboflavin Inhibits Histamine-Dependent Itch by Modulating Transient Receptor Potential Vanilloid 1 (TRPV1). Frontiers in Molecular Neuroscience, 2021, 14, 643483.	2.9	1
5	The Role of Prostaglandin E1 as a Pain Mediator through Facilitation of Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel 2 via the EP2 Receptor in Trigeminal Ganglion Neurons of Mice. International Journal of Molecular Sciences, 2021, 22, 13534.	4.1	6
6	Sensory Neuronâ€“Expressed TRPC4 Is a Target for the Relief of Psoriasiform Itch and Skin Inflammation in Mice. Journal of Investigative Dermatology, 2020, 140, 2221-2229.e6.	0.7	20
7	Autoantibody-Mediated Dysfunction of Salivary Glands Leads to Xerostomia in SKG Mice. Immune Network, 2019, 19, e44.	3.6	4
8	Wnt signal activation induces midbrain specification through direct binding of the beta-catenin/TCF4 complex to the EN1 promoter in human pluripotent stem cells. Experimental and Molecular Medicine, 2018, 50, 1-13.	7.7	13
9	Capsaicin upregulates HDAC2 via TRPV1 and impairs neuronal maturation in mice. Experimental and Molecular Medicine, 2018, 50, e455-e455.	7.7	14
10	Peripheral serotonin receptor 2B and transient receptor potential channel 4 mediate pruritus to serotonergic antidepressants in mice. Journal of Allergy and Clinical Immunology, 2018, 142, 1349-1352.e16.	2.9	29
11	TRPM2 contributes to LPC-induced intracellular Ca 2+ influx and microglial activation. Biochemical and Biophysical Research Communications, 2017, 485, 301-306.	2.1	37
12	TRPV1 Regulates Stress Responses through HDAC2. Cell Reports, 2017, 19, 401-412.	6.4	39
13	Acute inflammation reveals GABA_Areceptor-mediated nociception in mouse dorsal root ganglion neurons via PGE₂receptor 4 signaling. Physiological Reports, 2017, 5, e13178.	1.7	20
14	Hippocalcin Promotes Neuronal Differentiation and Inhibits Astrocytic Differentiation in Neural Stem Cells. Stem Cell Reports, 2017, 8, 95-111.	4.8	27
15	Efficient Generation of Dopamine Neurons by Synthetic Transcription Factor mRNAs. Molecular Therapy, 2017, 25, 2028-2037.	8.2	6
16	Extracellular ATP Induces Calcium Signaling in Odontoblasts. Journal of Dental Research, 2017, 96, 200-207.	5.2	16
17	Laser-induced thermoelastic effects can evoke tactile sensations. Scientific Reports, 2015, 5, 11016.	3.3	43
18	Eugenol Inhibits the GABAA Current in Trigeminal Ganglion Neurons. PLoS ONE, 2015, 10, e0117316.	2.5	18

#	Article	IF	Citations
19	Rapid and Efficient Direct Conversion of Human Adult Somatic Cells into Neural Stem Cells by HMGA2/let-7b. Cell Reports, 2015, 10, 441-452.	6.4	107
20	Fatal Clinical Course of Probable Invasive Pulmonary Aspergillosis with Influenza B Infection in an Immunocompetent Patient. Tuberculosis and Respiratory Diseases, 2014, 77, 141.	1.8	10
21	Activation of transient receptor potential ankyrin 1 by eugenol. Neuroscience, 2014, 261, 153-160.	2.3	46
22	Imiquimod induces a Toll-like receptor 7-independent increase in intracellular calcium via IP3 receptor activation. Biochemical and Biophysical Research Communications, 2014, 450, 875-879.	2.1	17
23	Cellular and Molecular Mechanisms of Dental Nociception. Journal of Dental Research, 2013, 92, 948-955.	5.2	78
24	Eugenol reverses mechanical allodynia after peripheral nerve injury by inhibiting hyperpolarization-activated cyclic nucleotide-gated (HCN) channels. Pain, 2011, 152, 2108-2116.	4.2	31
25	Lysophosphatidylcholine Increases Neutrophil Bactericidal Activity by Enhancement of Azurophil Granule-Phagosome Fusion via GlycineÂ·GlyRÎ±2/TRPM2/p38 MAPK Signaling. Journal of Immunology, 2010, 184, 4401-4413.	0.8	87
26	Substance P Sensitizes P2X3 in Nociceptive Trigeminal Neurons. Journal of Dental Research, 2010, 89, 1154-1159.	5.2	35
27	Membrane-Delimited Coupling of TRPV1 and mGluR5 on Presynaptic Terminals of Nociceptive Neurons. Journal of Neuroscience, 2009, 29, 10000-10009.	3.6	69
28	Molecular mechanism for local anesthetic action of eugenol in the rat trigeminal system. Pain, 2009, 144, 84-94.	4.2	96
29	Modulation of Ca_V2.3 Calcium Channel Currents by Eugenol. Journal of Dental Research, 2008, 87, 137-141.	5.2	35
30	Eugenol Inhibits ATP-induced P2X Currents in Trigeminal Ganglion Neurons. Korean Journal of Physiology and Pharmacology, 2008, 12, 315.	1.2	31
31	Molecular Basis of Cav2.3 Calcium Channels in Rat Nociceptive Neurons. Journal of Biological Chemistry, 2007, 282, 4757-4764.	3.4	44
32	155 THE EFFECT OF NITRIC OXIDE ON MECHANICAL AND THERMAL ALLODYNIA IN NEUROPATHIC PAIN MODEL OF RAT. European Journal of Pain, 2007, 11, S67-S67.	2.8	0
33	352 DIFFERENTIAL CHANGES IN TRPV1 EXPRESSION IN TRIGEMINAL GANGLION NEURONS FOLLOWING TRIGEMINAL SENSORY NERVE INJURY. European Journal of Pain, 2007, 11, S156-S156.	2.8	0
34	Eugenol Inhibits Sodium Currents in Dental Afferent Neurons. Journal of Dental Research, 2006, 85, 900-904.	5.2	88
35	Functional Expression of Thermo-transient Receptor Potential Channels in Dental Primary Afferent Neurons. Journal of Biological Chemistry, 2006, 281, 17304-17311.	3.4	118